

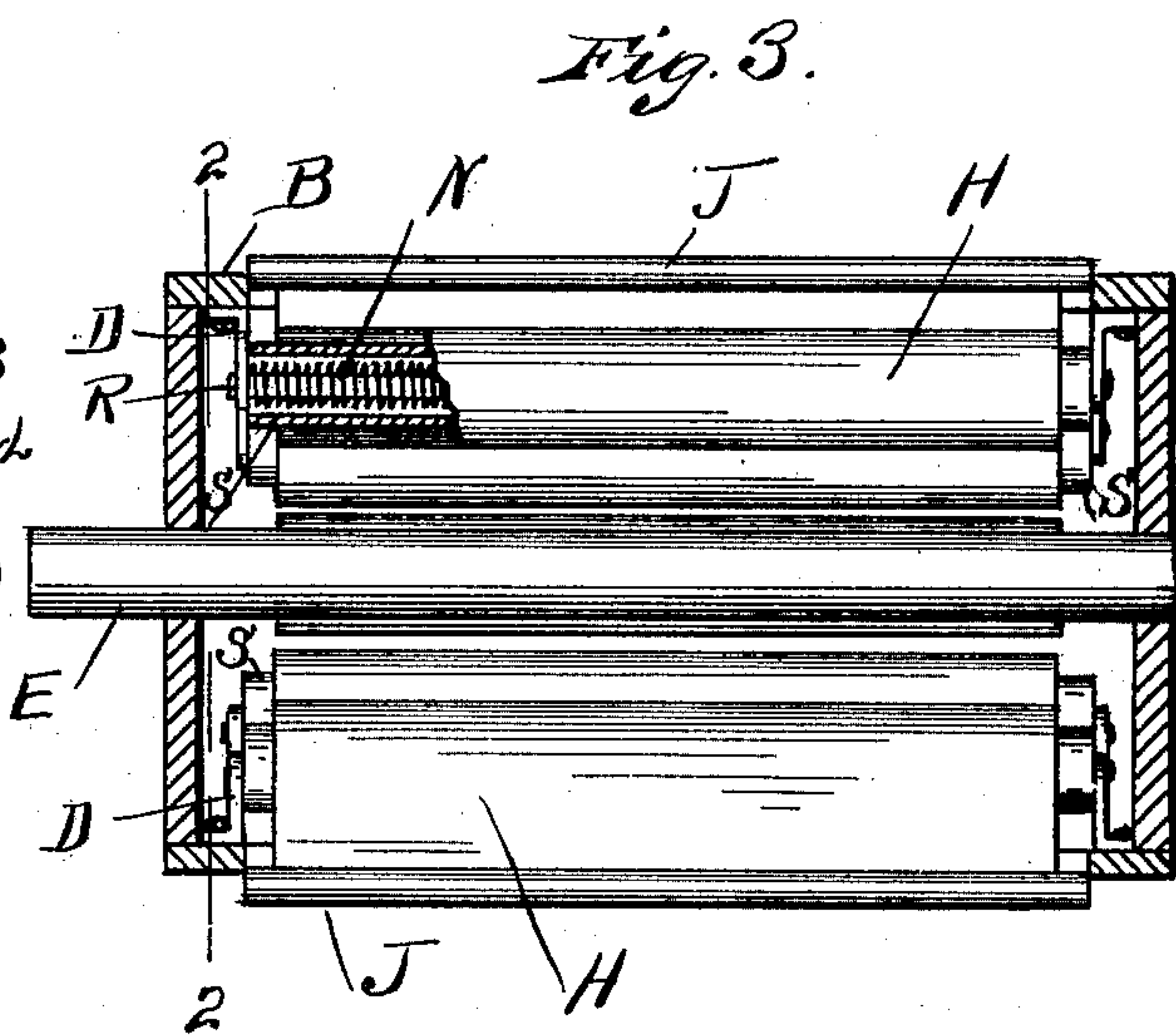
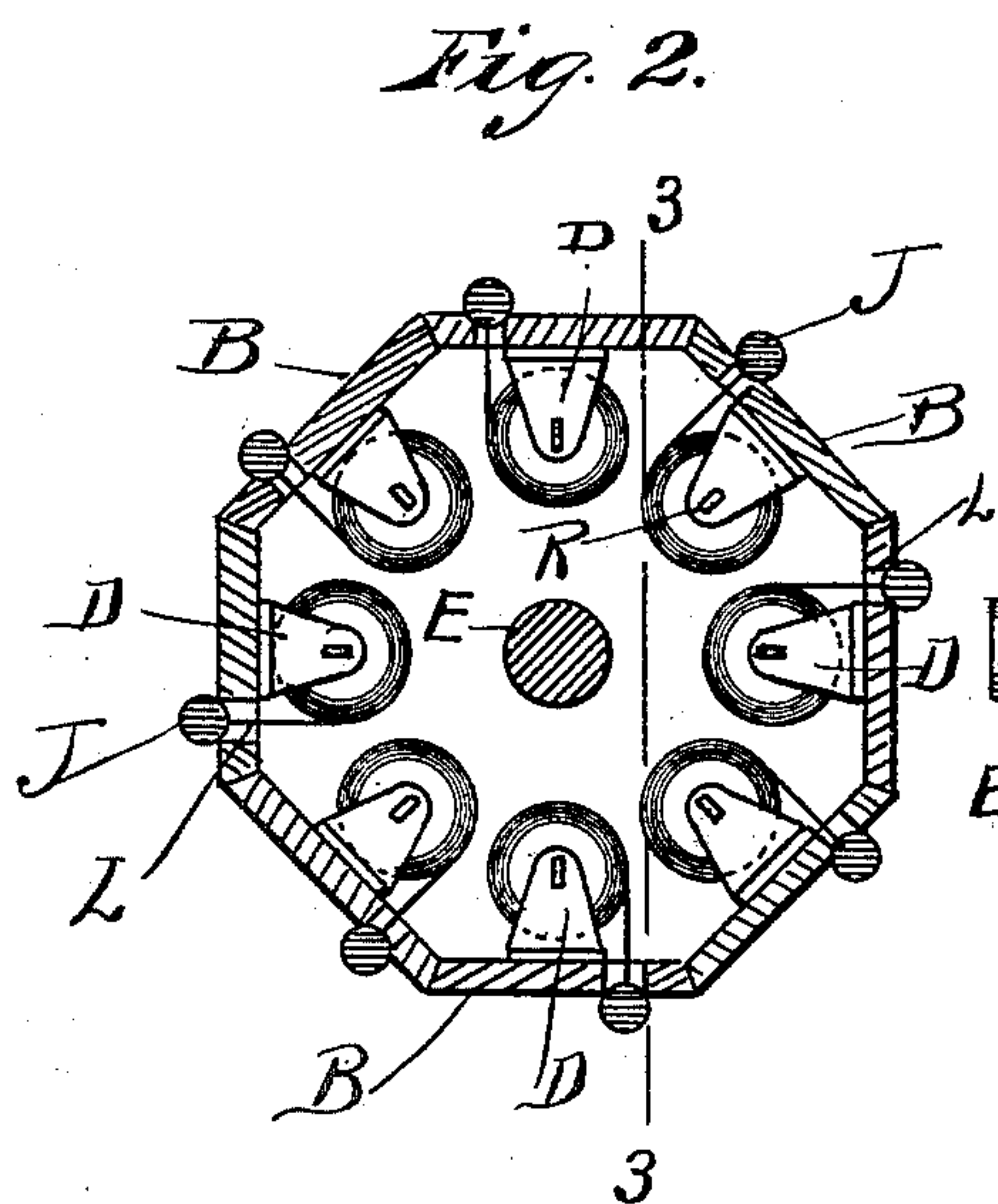
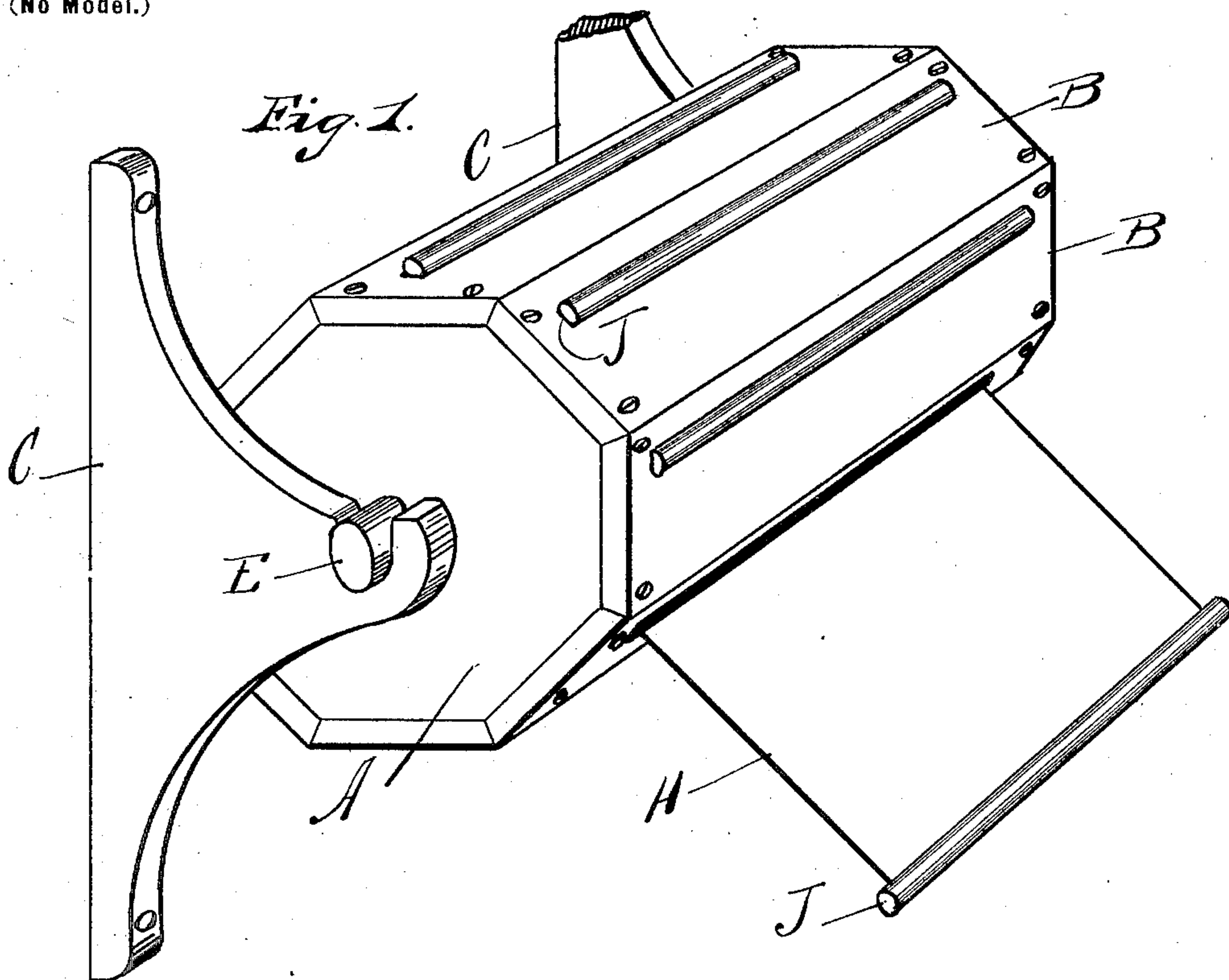
No. 699,293.

Patented May 6, 1902.

J. E. DOLDT.
MAP OR CHART CASE.

(Application filed Feb. 3, 1902.)

(No Model.)



Witnesses.

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UNITED STATES PATENT OFFICE.

JOHN E. DOLDT, OF PROVIDENCE, RHODE ISLAND.

MAP OR CHART CASE.

SPECIFICATION forming part of Letters Patent No. 699,293, dated May 6, 1902.

Application filed February 3, 1902. Serial No. 92,281. (No model.)

To all whom it may concern:

Be it known that I, JOHN E. DOLDT, a resident of Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Map or Chart Cases; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention consists in improvements in cases for holding maps, charts, or the like, the object of the invention being to provide a receptacle for those articles that shall keep them entirely secluded from dust or dampness and at the same time have them readily accessible for immediate use at any time.

It is fully explained and illustrated in this specification and the annexed drawings.

Figure 1 shows a perspective view of the case with one of the maps drawn out for inspection. Fig. 2 is a vertical cross-section of the case, taken near one end on line 2 2 in Fig. 3. Fig. 3 shows a vertical section of the case, taken lengthwise on line 3 3 in Fig. 2.

The construction and mode of operation of the apparatus are as follows:

A is a case held on a shaft E, arranged to turn in brackets C C, which are made in a form suitable to be attached to the side of a room or other suitable place. This case consists of two heads secured on a shaft at a proper distance apart to suit the size or width of the maps or charts it is to contain. These heads may be octagon in shape, as shown in the drawings, or have as many sides as the number of maps to be held in it may require, and though the angular shape is preferable on account of fitting and attaching the plates of lags B B to the heads they may be made round and the whole case of a cylindrical form, if desired. The plates B B are secured to the heads at each end by means of screws, so that they will be easily removable if it is desired to take out a map and substitute another or for any other purpose. Each plate B has a bracket D secured to it on the inside

and near each end, (see Fig. 3,) and a rod R is held at each end in each pair of brackets D, and a shell-roll S is held loosely on each rod R, excepting the connection made between each roll and rod by a spiral torsion-spring N. (See Fig. 3, where one of the rolls is broken away to show the spring.) The spiral spring N has one end attached to the roll S and the other end to the rod R, which is held stationary by having its ends flattened where they enter the brackets D, so that when the roll is turned in one direction on its rod the spring is wound up and when the bar J is released the spring will unwind and turn the roll back again. On the rolls S the maps H are wound, and slots L L are made in each plate B over the rolls, through which the maps are drawn out by means of a small bar J, attached to the outer end of each map, and these bars J are made to fit in the outer side of slots L and close them, so as to prevent the dust from entering the case. This, together with a proper fitting together of the plates B, makes a perfect dust-proof case.

In using the case it is turned until the map which it is desired to inspect is in front. Then by pulling on the bar J of that map it will be drawn out, and when the bar is released the spring N in the roll will draw the map in again and wind it around the roll and close the slot by the bar as before.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

In a device of the character described, the combination of a rotatable shaft; a pair of similar polygonal heads secured transversely on the shaft; longitudinal members each having one end removably secured to one of the heads; and map-rolls mounted on the inner faces of the said members and parallel with said shaft.

In testimony whereof I have hereunto set my hand this 31st day of January, A. D. 1902.

JOHN E. DOLDT.

In presence of—

HOWARD E. BARLOW,
BENJ. ARNOLD.